

Substitute "Sequence Listing" are the same and, as required by 37 C.F.R. §1.825, also states that the submission includes no new matter.

Please amend the application as follows:

In the Specification

F1 Please replace the "Sequence Listing" filed on December 2, 1996 (pages 118 through 146) with the attached Substitute "Sequence Listing" (sheets 1/25 through 25/25) comprising SEQ ID NOS: 1-67.

Replace the paragraph at page 7, lines 3 through 7 with the following paragraph:

F2 Figure 7 is an illustration of the nucleotide sequence of a double stranded nucleic acid (coding strand, SEQ ID NO:11; non-coding strand, SEQ ID NO:64) encoding the mouse Act-1 light chain variable region joined to the mouse Act-1 light chain signal peptide sequence, and the deduced amino acid sequence of the Act-1 light chain variable region joined to the mouse Act-1 light chain signal peptide sequence (SEQ ID NO:12).

Replace the paragraph at page 7, lines 8 through 11 with the following paragraph:

F3 Figure 8 is an illustration of the nucleotide sequence of a double stranded nucleic acid (coding strand, SEQ ID NO: 13; non-coding strand, SEQ ID NO:65) encoding the mature human GM607'CL antibody kappa light chain variable region, and the deduced amino acid sequence of the mature human GM607'CL antibody kappa light chain variable region (SEQ ID NO:8).

Replace the paragraph at page 7, lines 12 through 23 with the following paragraph:

F4 Figure 9 is an illustration of the nucleotide sequence of a double stranded nucleic acid (coding strand SEQ ID NO:14; non-coding strand, SEQ ID NO: 66) encoding the mouse Act-1 antibody heavy chain and signal peptide, and the deduced amino acid sequence of the mouse Act-1 antibody heavy chain variable region and heavy chain signal peptide (SEQ ID NO:15). The nucleotide sequence of the variable region is joined to a nucleotide sequence which encodes a

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deduced mouse Act-1 heavy chain signal peptide sequence, to yield a composite sequence. (The identity of the primer which amplified the heavy chain region was deduced from the degenerate sequence, and an amino acid sequence for the signal peptide was derived from the primer, downstream sequence and sequences of other signal peptides. The signal peptide shown may not be identical to that of the Act-1 hybridoma.)

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Replace the paragraph at page 7, lines 24 through 31 with the following paragraph:

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Figure 10 is an illustration of the nucleotide sequence of a double stranded nucleic acid (coding strand SEQ ID NO:16; non-coding strand, SEQ ID NO: 67) encoding the human 21/28'CL antibody heavy chain and signal peptide, and the deduced amino acid sequence of the human 21/28'CL antibody heavy chain variable region and heavy chain signal peptide (SEQ ID NO:17). The nucleotide sequence encoding the variable region is joined to a nucleotide sequence which encodes a signal peptide sequence derived from the V<sub>H</sub> of human antibody HG3'CL (Rechavi, G., *et al.*, *Proc. Natl. Acad. Sci., USA* 80:855-859 (1983)), to yield a composite sequence.

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Please replace Table 3 at pages 53 through 63, with the following Table 3 presented on pages 4-14 of this Amendment: